

**QUIK-CARE FOAM HAND SANITIZER**

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : QUIK-CARE FOAM HAND SANITIZER  
 Other means of identification : not applicable  
 Recommended use : Hand Sanitizer  
 Restrictions on use : Reserved for industrial and professional use.  
 Product dilution information : Product is sold ready to use.  
 Company : Ecolab Inc.  
 370 N. Wabasha Street  
 St. Paul, Minnesota USA 55102  
 1-800-352-5326  
 Emergency telephone : 1-800-328-0026 (US/Canada), 1-651-222-5352 (outside US)  
 Issuing date : 04/28/2014

**SECTION 2. HAZARDS IDENTIFICATION**

**GHS Classification**

Flammable liquids : Category 3  
 Eye irritation : Category 2A

**GHS Label element**

Hazard pictograms :  

Signal Word : Warning

Hazard Statements : Flammable liquid and vapor.  
 Causes serious eye irritation.

Precautionary Statements : **Prevention:**  
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
 Keep container tightly closed.  
**Response:**  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.  
**Storage:**  
 Store in a well-ventilated place. Keep cool.  
**Disposal:**  
 Dispose of contents/ container to an approved waste disposal plant.

Other hazards : None known.

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Pure substance/mixture : Mixture

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Chemical Name	CAS-No.	Concentration (%)
ethanol	64-17-5	60 - 100
Farnesol	4602-84-0	0.1 - 1

**SECTION 4. FIRST AID MEASURES**

In case of eye contact : Rinse with water.  
 In case of skin contact : Rinse with water.  
 If swallowed : Rinse mouth. Get medical attention if symptoms occur.  
 If inhaled : Get medical attention if symptoms occur.  
 Protection of first-aiders : No special precautions are necessary for first aid responders.  
 Notes to physician : Treat symptomatically.

**See toxicological information (Section 11)**

**SECTION 5. FIRE-FIGHTING MEASURES**

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  
 Unsuitable extinguishing media : High volume water jet  
 Specific hazards during fire fighting : Fire Hazard  
 Keep away from heat and sources of ignition.  
 Flash back possible over considerable distance.  
 Beware of vapors accumulating to form explosive concentrations.  
 Vapors can accumulate in low areas.  
 Hazardous combustion products : Carbon oxides  
 Special protective equipment for fire-fighters : Use personal protective equipment.  
 Specific extinguishing methods : Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures : Remove all sources of ignition. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.  
 Environmental precautions : Do not allow contact with soil, surface or ground water.  
 Methods and materials for containment and cleaning up : Eliminate all ignition sources if safe to do so. Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach

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a waterway.

**SECTION 7. HANDLING AND STORAGE**

- Advice on safe handling : Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Keep away from fire, sparks and heated surfaces.
- Conditions for safe storage : Keep away from heat and sources of ignition. Keep in a cool, well-ventilated place. Keep away from oxidizing agents. Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.
- Storage temperature : 0 °C to 30 °C

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Ingredients with workplace control parameters**

Ingredients	CAS-No.	Form of exposure	Permissible concentration	Basis
ethanol	64-17-5	TWA	1,000 ppm	ACGIH
		TWA	1,000 ppm 1,900 mg/m3	NIOSH REL
		TWA	1,000 ppm 1,900 mg/m3	OSHA Z1

Engineering measures : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Personal protective equipment**

- Eye protection : No special protective equipment required.
- Hand protection : No special protective equipment required.
- Skin protection : No special protective equipment required.
- Respiratory protection : No personal respiratory protective equipment normally required.
- Hygiene measures : No specific measures identified.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance : liquid
- Color : clear, colorless
- Odor : alcoholic
- pH : 6.0 - 9.0, 100 %
- Flash point : 26 °C closed cup
- Odor Threshold : no data available
- Melting point/freezing point : no data available
- Initial boiling point and boiling range : no data available

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- Evaporation rate : no data available
- Flammability (solid, gas) : no data available
- Upper explosion limit : no data available
- Lower explosion limit : no data available
- Vapor pressure : no data available
- Relative vapor density : no data available
- Relative density : 0.858 - 0.883
- Water solubility : soluble
- Solubility in other solvents : no data available
- Partition coefficient: n-octanol/water : no data available
- Autoignition temperature : no data available
- Thermal decomposition : no data available
- Viscosity, kinematic : no data available
- Explosive properties : no data available
- Oxidizing properties : no data available
- Molecular weight : no data available
- VOC : no data available

**SECTION 10. STABILITY AND REACTIVITY**

- Chemical stability : Stable under normal conditions.
- Possibility of hazardous reactions : No dangerous reaction known under conditions of normal use.
- Conditions to avoid : Heat, flames and sparks.
- Incompatible materials : None known.
- Hazardous decomposition products : Carbon oxides

**SECTION 11. TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure : Inhalation, Eye contact, Skin contact

**Potential Health Effects**

- Eyes : Causes serious eye irritation.
- Skin : Health injuries are not known or expected under normal use.
- Ingestion : Health injuries are not known or expected under normal use.
- Inhalation : Health injuries are not known or expected under normal use.
- Chronic Exposure : Health injuries are not known or expected under normal use.

**Experience with human exposure**



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### QUIK-CARE FOAM HAND SANITIZER

Sea transport (IMDG/IMO)  
UN number : 1170  
Description of the goods : ETHANOL SOLUTION  
Class : 3  
Packing group : III  
Marine pollutant : no

#### SECTION 15. REGULATORY INFORMATION

##### EPCRA - Emergency Planning and Community Right-to-Know

##### CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

##### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Acute Health Hazard  
Fire Hazard

SARA 302 : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

##### California Prop 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

##### The ingredients of this product are reported in the following inventories:

1907/2006 (EU) :  
not determined

Switzerland. New notified substances and declared preparations :  
not determined

United States TSCA Inventory :  
On TSCA Inventory

Canadian Domestic Substances List (DSL) :  
All components of this product are on the Canadian DSL.

Australia Inventory of Chemical Substances (AICS) :  
On the inventory, or in compliance with the inventory

New Zealand. Inventory of Chemical Substances :  
On the inventory, or in compliance with the inventory

Japan. ENCS - Existing and New Chemical Substances Inventory :  
not determined

Japan. ISHL - Inventory of Chemical Substances (METI) :  
not determined

Korea. Korean Existing Chemicals Inventory (KECI) :

## SAFETY DATA SHEET

### QUIK-CARE FOAM HAND SANITIZER

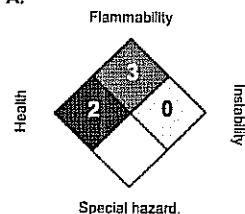
On the inventory, or in compliance with the inventory

Philippines inventory of Chemicals and Chemical Substances (PICCS) :  
not determined

China. Inventory of Existing Chemical Substances in China (IECSC) :  
On the inventory, or in compliance with the inventory

#### SECTION 16. OTHER INFORMATION

##### NFPA:



##### HMIS III:

HEALTH	2
FLAMMABILITY	3
PHYSICAL HAZARD	0

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

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Version : 1.0  
Prepared by : Regulatory Affairs

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.